F4 V-OUT BLOCK DIAGRAM(2/2)

REF ANALOG I/F
SYS SC PLL,SYS-H
ENC RSC PLL
ERROR DET.
REF 4FSC PLL
CLK1(13.5MHz)PLL
H LOCK PLL
PRC CTRL
SYNC GEN2
SYNC GEN1
DELAY
SYNC SEP
SYNC BURST SEP
SYNC DELAY
REF CTRL
PIO
CLK BUFF
TTL → ECL
V/S JACK(P1-51)
SYSCON(P1-27B-29C)
SYSCON(P1-22C-26A)
REC PB(P2-26C)
V IN/REC PB(P2-8B)
FOR V-OUT PROCESS
V-OUT ENCODER
BLACK LEVEL CHROMA PHASE FOR ENCODER
V-OUT PROCESS
CLK135 FOR V-OUT PROCESS
CLK27 FOR V-OUT PROCESS
SIF(P2-8C)
SIF(P2-9A)
REC PB(P2-28B)
REC PB(P2-28C)
ADBF
CLAMP N
OUT CS N
RSC
PAL SW
NCBK
SET UP<7:0>
HUE<7:0>
YBK N
DOWN H
INT L
CF DATA
B ADRS
B DATA
MUTE H
SITE H
THRU L
VBK MUTE H
CS PROC1 N
CS PROC2 N
PB FRM
I FRM
B ADRS
B DATA(7:0)
ENC 4FSC
ENC SC PHASE
SCBACK
SC,H DLY CONT.
HRXP DL HD
DL SC
HDXP
HDXD
SCXP
RSY
RAS
PC INH L
CK11 WINDOW PULSE
H0 COUNTER OUT(RSY)
VIDEO PHASE
REF H PHASE
SYS SC PHASE
SSC DATA(9:0)
SET UP<7:0>
HUE(7:0)
PDET4
SGEN REF CLK
CTRL REF CLK
REF FREQ ADJ
<MENU> SYS SC ADJ. SYS H ADJ.
<MENU> SCH FINE COASE
B DATA
REF SC
SYNC
BF
REF. AIF
ADVS(3:0) FLOAT RST
CK22
CLK135M
CLK27M 10
CLK135M 11
CLK123M A
CLK27M A
ER22
WND22
ER11
WND11
S/H
HST N
VFLOAT H
VAR L
MUTE H
CF READ H
IFRM
PB FRM
HST N
VAR L 8
RDCF 94
RDFRM 96
RDHD 98
YNBK 92
SVS 4FSC FS
SC1
FS3
PALSW
ADBF
NCBK
HR2
H0
HDXP
VR101
VR160
VR201
VR260
VR280
VC70
TP650
TP70
IC102<5>
IC106<8>
IC109<5>
IC100<5>
IC200 <8>
IC202
IC330<13>
IC331<13>
IC340<14>
IC434<17>
IC503<18>
IC504,505<18>
IC506<20>
IC507<18>
IC508<18>
IC509<18>
IC51<3>
IC71 Q71,72<4>
IC72<4>
IC73<4>
IC150<6>
IC151<6>
IC160,161,163,165<7>
IC161<7>
IC162<7>
IC162<11>
IC166<7>
IC167,168,169 <7>
IC170<7>
IC171<7>
IC172<7>
IC260<10>
IC262<10>
IC263 <10>
IC264<10>
IC265<10>
IC280,281,282 <11>
IC283<11>
IC284<11>
IC302<12>
IC650<22>
IC651<22>
L650,C651 <22>
Q70<4>
X70<4>
X150<6>
X160<7>
X260<10>
X280<11>
74F112
SELECT
BUFFER
4FSC
VXO
13.5MHz
XTAL
4fsc
27MHz VXO
JK F.F.
FF
LATCH
PIO
PDET
PC
D/A
DELAY
COMPARATOR
GATE
BPF
REF IN
AV DATA(7)
AV DATA(6)
AV DATA(5)
AV DATA(4)
AV DATA(3)
AV DATA(2)
AV DATA(1)
AV DATA(0)
AV ADRS(10)
AV ADRS(9)
AV ADRS(8)
AV ADRS(7)
AV ADRS(6)
AV ADRS(5)
AV ADRS(4)
AV ADRS(3)
AV ADRS(2)
AV ADRS(1)
AV ADRS(0)
INCOME FRM